

Scalable Motion Image System**Abstract**

A scalable motion image compression system for a digital motion image signal
5 having an associated transmission rate. The scalable motion image compression system
includes a decomposition module for receiving the digital motion image signal,
decomposing the digital motion image signal into component parts and sending the
components. The decomposition module may further perform color rotation, spatial
10 decomposition and temporal decomposition. The system further includes a compression
module for receiving each of the component parts from the decomposition module,
compressing the component part, and sending the compressed component part to a
memory location. The compression module may perform sub-band wavelet compression
and may further include functionality for quantization and entropy encoding.